

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-34. (Cancelled)

36. (Cancelled)

37. (Cancelled)

41. (Currently Amended) AA method of producing a pluripotent porcine

CICM cell line, comprising:

i) inserting a desired differentiated pig cell or cell nucleus of a differentiated pig cell into an ~~optionally~~ enucleated pig oocyte, under conditions suitable for the formation of a nuclear transfer (NT unit);

~~ii) removing the endogenous oocyte nucleus if not already effected.~~

~~iii)~~ ii) activating the resultant nuclear transfer unit; and

~~iv)~~ iii) culturing cells obtained from said activated NT unite to obtain a porcine CICM cell line which is pluripotent and may be maintained indefinitely in tissue culture.

42. (Previously Presented) The method of claim 41, which comprises culturing said activated nuclear transfer unit until a discernible trophectoderm and inner cell mass is obtained.

44. (Previously Presented) The method according to claim 41, wherein a desired DNA is inserted, removed or modified in said differentiated pig cell or cell nucleus, thereby resulting in the production of a genetically altered NT unit.

46. (Previously Presented) The method of claim 41, wherein the resultant CICM cell line is induced to differentiate.

47. (Previously Presented) The method of claim 44, wherein the CICM cell is allowed to differentiate.